

Figure 1: Basic solvent extraction flow sheet

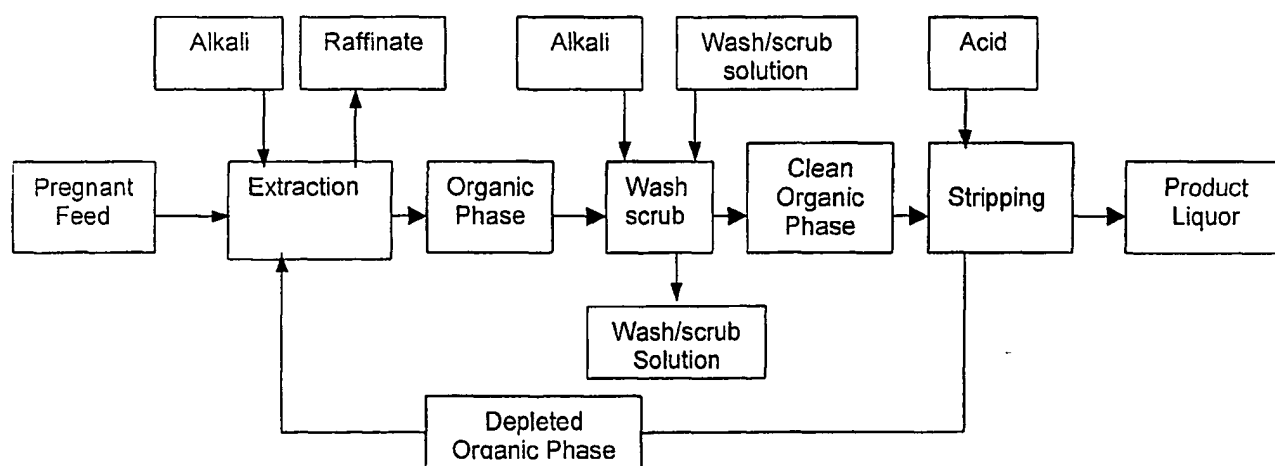


Figure 2: Solvent extraction flow sheet with wash/scrub section

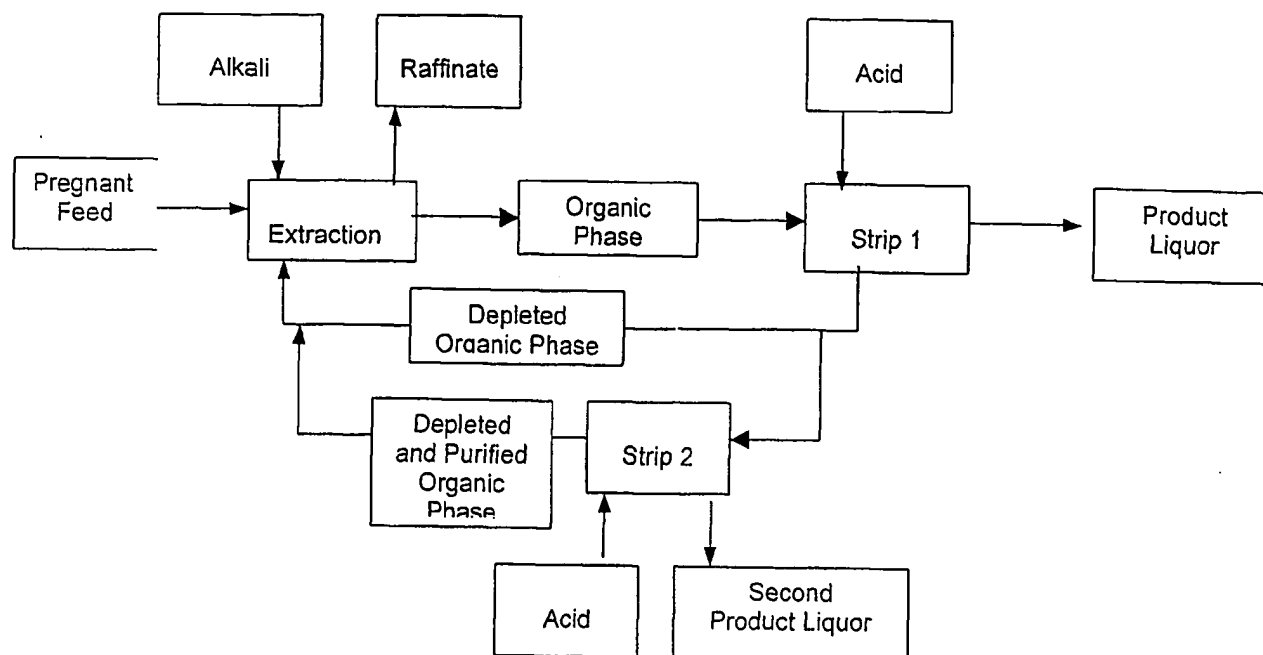


Figure 3: Solvent extraction flow sheet with second strip stage (differential stripping)

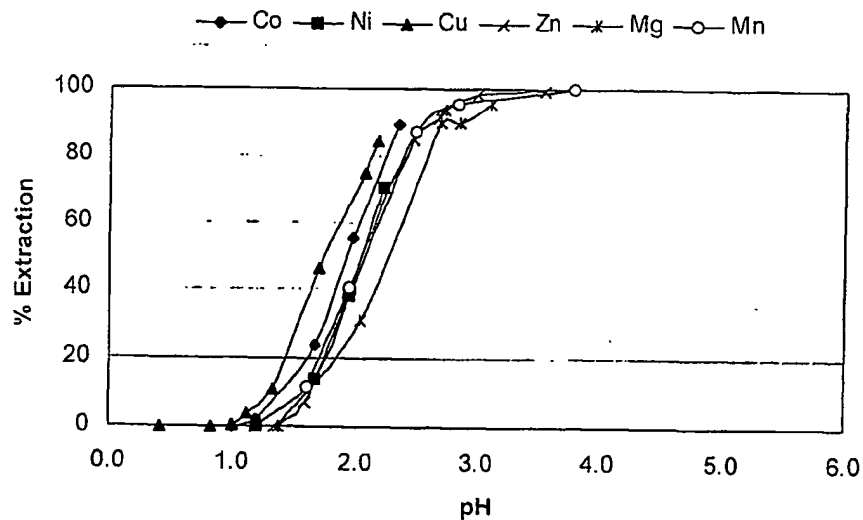


Figure 4: Extraction of individual metal ions with DNNS

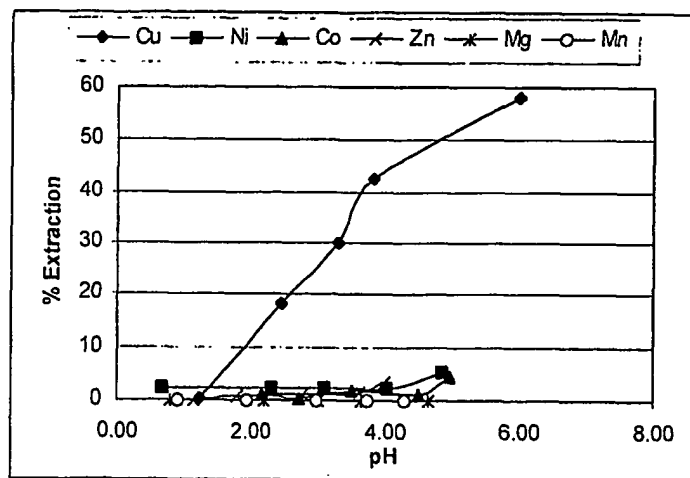


Figure 5: Extraction of individual metals in the absence of DNNS

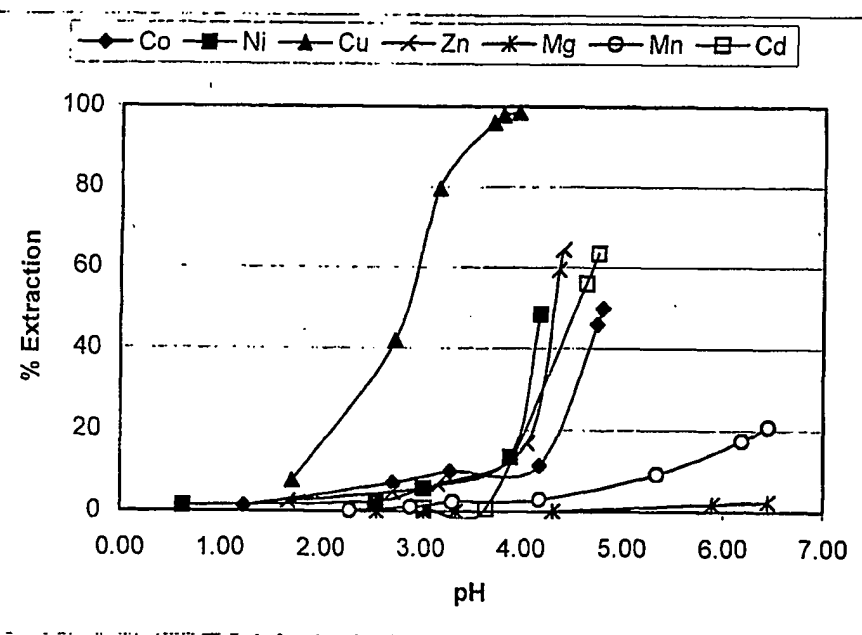


Figure 6: Extraction of individual metals with a mixture of DIMZ and DNNS
(low concentration)

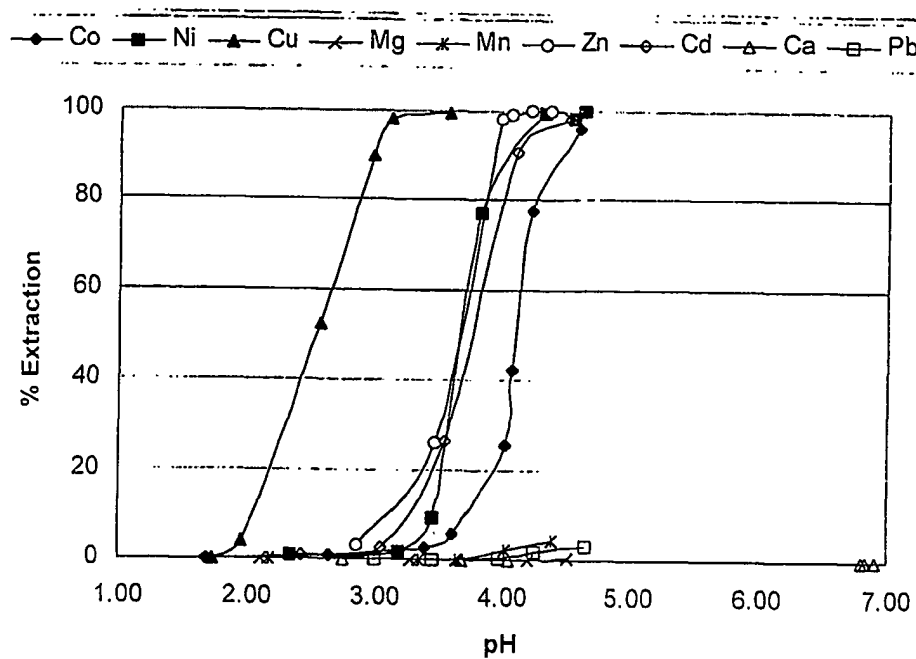


Figure 7: Extraction of individual metals with a mixture of DIMZ and DNNS
(high concentration)

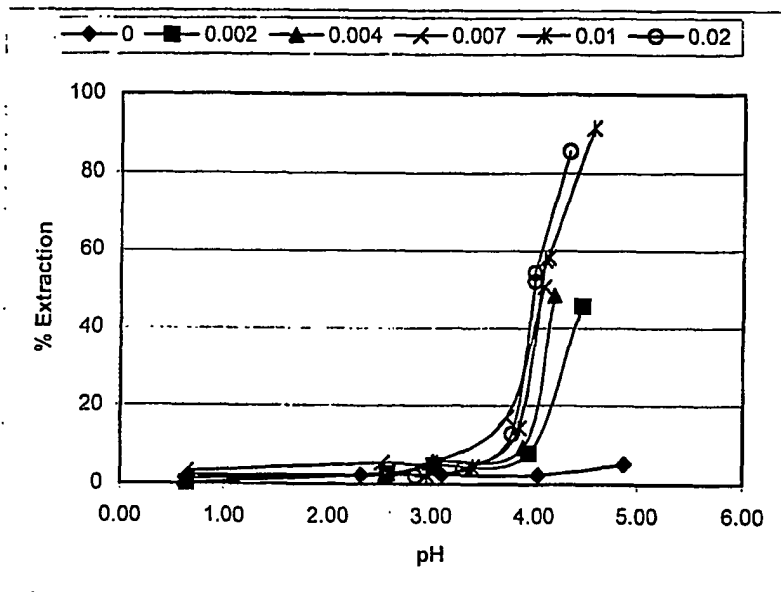


Figure 9: Extraction of nickel by DIMZ; influence of DNNS concentration

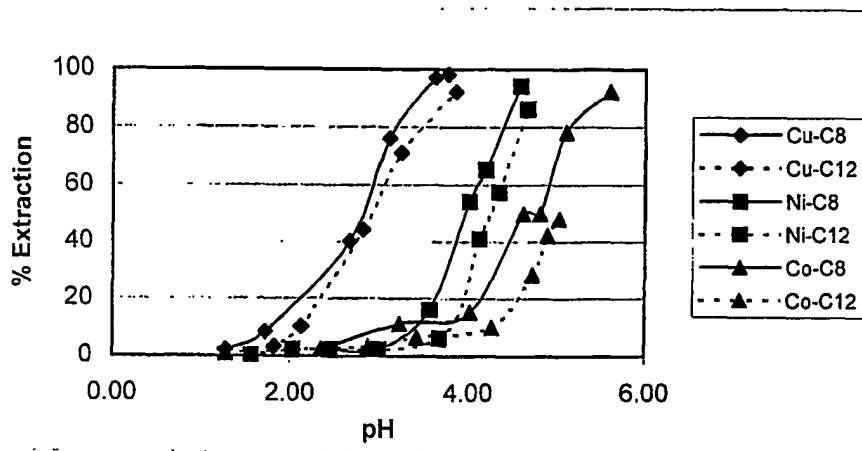


Figure 10a: Effect of substituent on metal extraction (C8=octyl; C12=duodecyl; Cu, Ni & Co)

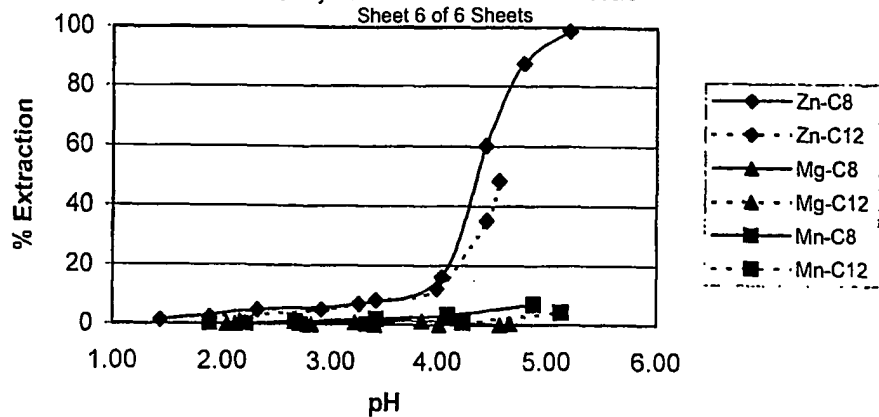


Figure 10b: Effect of substituent on metal extraction (C8=octyl; C12=duodecyl; Zn, Mg & Mn)

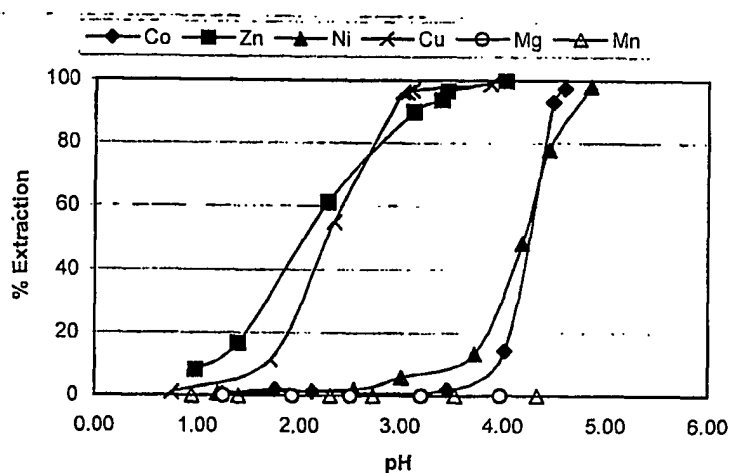


Figure 11: Extraction of metal ions with DIMZ/DNNS in the presence of 0.77 Molar chloride